

MINUTES OF MEETING OF BOARD OF ELECTRICAL APPEALS

March 11, 2008 - 3:00 p.m.

OFFICE OF CENTRAL INSPECTION CITY HALL, 455 NORTH MAIN OCI CONFERENCE ROOM, 7th FLOOR

Vice-Chairman Harold Ragland called the meeting to order at 3:02 pm, with Board members, Dale Johnson, John Whittit, Shane Chapman, Dave Urban, Scott Alder and Secretary Tom Kerschen present. Also present were City attorney Sharon Dickgrafe and inspectors Steve Schauner and Chris Nordick. Board member Roy Meinhardt was temporarily delayed but attended.

The minutes of the February 26, 2008 meeting were read. Board member Whittit made a motion the minutes be approved as written, it was seconded by Board member Urban and approved.

One (1) Master Electrician and six (6) Journeyman Electrician applications were reviewed for approval to be administered the appropriate examination for certification. The results were as follows:

NAME	NUMBER	CLASSIFICATION	ACTION
Mitchell Traina	3190	Master	Approved
Thomas Norman II	8415	Journeyman	Approved
Stephen Hawkins	0498	Journeyman	Approved
Brandon Stimpson	9368	Journeyman	Approved
Alan Henman	9211	Journeyman	Approved
Joshua Lee Meetze	4604	Journeyman	Approved
Zachary Fisher	2869	Journeyman	Approved

Under part A of the new business section of the agenda, the Board welcomed Matt Taylor and Greg Hausman with the Eaton Corporation. Secretary Kerschen invited them to explain and demonstrate the differences between a normal breaker, an arc-fault circuit interrupter and the new combination arc-fault circuit interrupter. Mr. Taylor explained that the old arc-fault was designed to sense only parallel faults and the new combination arc-fault will sense both parallel and series faults. He also handed the Board members literature explaining the operation in more detail.

Mr. Hausman was showing the test/demo equipment and explained the operation of the equipment. The first breaker was a normal breaker and when they did a test on a series fault, the breaker did not trip and there was significant arcing and flames. The second breaker was an old style, generation one, arc-fault breaker and it also did not trip on the series fault with arcing and flames. The third test was with the new combination arc-fault breaker and when he did the same test as before this breaker trip in less than a second with very little arcing and no flames.

Mr. Hausman also explained that the combination type arc-fault breaker is in the 2005 NEC with an effective date of January 1, 2008. Secretary Kerschen let the Board know that the City of Wichita is enforcing the combination arc-fault breakers on all permits issued after January 1, 2008.

The Board asked Mr. Taylor about the status of electrical panels that would allow for more than 42 circuit breakers. Mr. Taylor said Cutler-Hammer has the panels made, but is waiting on UL to approve standards for testing. Mr. Taylor said they expect the panels to be approved and ready for distribution by late summer. The Board thanked Mr. Taylor and Mr. Hausman for attending.

Under part A of the unfinished business section of the agenda, the Board continued the review of the major changes in the 2008 National Electrical Code (NEC). The Board continued reviewing the changes in Chapter 3.

With no other business to conduct, Board member Whittit made a motion to adjourn. Board member Meinhardt seconded the motion and the meeting adjourned.

The time was 4:57 pm.

Tom Kerschen, Secretary,
Board of Electrical Appeals